

## CLAIMS:

1. Centrifuge, particularly a separator (1) with a vertical axis of rotation, having a centrifugal drum(2) - a nozzle drum - which is equipped with a feeding tube (4) for material to be centrifuged as well as with outlet nozzles (8), an emergency off system being connected in front of the centrifugal drum (2), characterized in that the emergency off system has a feeding system (17) for particles, particularly balls (16), into the centrifugal drum.
2. Centrifuge according to Claim 1, characterized in that the balls (16) have a larger diameter than the outlet nozzles (7).
3. Centrifuge according to Claim 1, characterized in that the balls (16) have a diameter which is by at least 5% larger than the outlet nozzles (7).
4. Centrifuge according to Claim 1 or 2, characterized in that the particles, particularly balls (16), have a greater specific weight than the liquid phase(s) of the material to be processed.
5. Centrifuge according to one of the preceding claims, characterized in that the particles, particularly balls (16), consist of rubber or plastic material.
6. Centrifuge according to one of the preceding claims, characterized in that the particles, particularly balls (16), consist of dried solids.
7. Centrifuge according to one of the preceding claims, characterized in that the feeding system has an emergency off container (15) for receiving the balls (16).
8. Centrifuge according to one of the preceding claims, characterized in that the particles, particularly balls, in the emergency off container are received in a carrier liquid.
9. Centrifuge according to one of the preceding claims, characterized in that the emergency off container (15) is constructed as a prestressed container.
10. Centrifuge according to one of the preceding claims, characterized in that a valve (14) is connected in front of the feeding tube (4).
11. Centrifuge according to one of the preceding claims, characterized in that the valve (14) is a normally open valve.
12. Method of implementing an emergency off function of a centrifuge, particularly according to one of the preceding claims, characterized in that particles, particularly balls (16), which plug the outlet nozzles (7), are guided into the centrifugal drum in an emergency off case.
13. Method according to Claim 12, characterized in that the particles are introduced under pressure into the centrifugal drum (2).